SSAD

Table 1: Mapping of MBASE v2.3.6 SSAD Sections to MBASE v2.4 (draft) SSAD Sections

Old Section	Title	New Section	(blank => no change) Title	Notes
A	Description			
1	Purpose			
2	Completion Criteria			
2.1	Life Cycle Objectives			
2.2	Life Cycle Architecture			
2.3	Initial Operational Capability			
3	Intended Audience			
4	Participating Agent			
5	Performing Agent			
6.	High-Level Dependencies			
7	Overall Tool Support			This section is missing from OCD
8	Degree of Detail and Tailoring			
B	Document Sections			
1	Introduction			
1.1	Purpose of the SSAD Document			
1.2	Standards and Conventions			
1.3	References			
1.4	Change Summary			
		2	System Analysis	The contents of the OCD correspond to what is typically called (inc. by RUP) to Business Analysis. The old OCD & SSAD lacked anything corresponding to System Analysis. In the 7/12 meet, we agreed to move this section to the OCD. (I would make it Section 5 & make the prototype section 6.) However, the intent is that this section refines OCD section 4 based on the specific requirements in SSRD. Do we still want to move to OCD?
		2.1	Structure	
		2.2	Artifacts & Information	
		2.3	Behavior	
		2.4	Level of Service Goals	
		2.5	Rules	
2	Architectural Analysis	3	Architecture Design & Analysis	
2.1	Component Model	3.1.2 3.1.4 3.1.6	Software Model Component Classifier Descriptions Connector Classifier Descriptions	3.1.2 will hold diagrams & overall description; while 3.1.4 & 3.1.5 will hold descriptions of classifiers. I thought of nesting 3.1.4 & 3.1.5 in 3.1.2; but felt this structure gives more flexibility which may be needed for different architecture representations (e.g. C2, AADL, or UML).
2.2	Behavior Model	3.2	Behavior Model	
2.3	Enterprise Classification Model			The old header just grouped Object Classification & Behavior classification sections.
2.3.1	Object Classifications	3.1.4	Component Class Descriptions	
2.3.2	Behavior Classification	3.2	Behavior Model	
3	System Design			
3.1	Architectural Views	3	Architecture Design & Analysis	
3.1.1	System Topology	3.1.3	Deployment Model	
3.1.2	Component-Implementation Design Model	4	Implementation Design	(and subsections)
3.1.3	Framework and Protocol Specification	3.4 4.4	Architectural Styles, Patterns & Frameworks [Implementation] Patterns & Frameworks	
3.1.4	System Deployment Model	3.1.1 3.1.3 3.1.5 3.1.6	Hardware Model Deployment Model Component (Instance) Descriptions Connector (Instance) Descriptions	3.1.1 will describe all HW structure; 3.1.3 will show allocation of Component Instances to HW instances; 3.1.4 & 3.1.6 will hold individual descriptions of SW components.

Old Section	Title	New Section	(blank => no change) Title	Notes
3.1.5	Logical Class Model	4.1	Structure	
3.2	Object–Structure Model	4.1	Structure	
3.3	Interaction Model	4.2	Behavior	
3.3.1	Critical Algorithms	4.2	Behavior	
3.3.2	Operation Specifications	4.2	Behavior	
3.4	Implementation Class Model	4.1	Structure	
		4.3	L.O.S.	
3.5	Configuration Model	4.5	Configuration Model	I'll take this section is valuable and think we should delete it.
4	Common Definition Language for System Design	5.	Glossary for System Analysis & Design	
5	Appendices	6.	Appendices	
5.1	Appendix 1: References			
5.2	Appendix 2: Vendor documents			

Table 2: Mapping of MBASE v2.4 (draft) SSAD Sections to MBASE v2.3.6 SSAD Sections

New Section	Title	Old Section	(blank => no change) Title	Notes
A	Description			
1	Purpose			
2	Completion Criteria			
2.1	Life Cycle Objectives			
2.2	Life Cycle Architecture			
2.3	Initial Operational Capability			
3	Intended Audience			
4	Participating Agent			
5	Performing Agent			
6.	High-Level Dependencies			
7	Overall Tool Support			This section is missing from old OCD
8	Degree of Detail and Tailoring			
B	Document Sections			
1	Introduction			
1.1	Purpose of the SSAD Document			
1.2	Standards and Conventions			
1.3	References			
1.4	Change Summary			
2	System Analysis		*Non–existent*	
2.1	Structure		*Non–existent*	
2.2	Artifacts & Information		*Non–existent*	
2.3	Behavior		*Non–existent*	
2.4	Level of Service Goals		*Non–existent*	
2.5	Rules		*Non–existent*	
3	Architecture Design & Analysis	2	Architectural Analysis	
3.1	Structure			
3.1.1	Hardware Model	3.1.4	System Deployment Model	
3.1.2	Software Model	2.1 3.1.1	Component Model System Topology	
3.1.3	Deployment Model	3.1.4	System Deployment Model	
3.1.4	Component Class Descriptions	2.1 2.3.1	Component Model Object Classifications	
3.1.5	Component (Instance) Descriptions	3.1.4	System Deployment Model	Most likely match if using C2
3.1.6	Connector Classifier Descriptions	2.1 2.3.1	Component Model Object Classifications	
3.1.7	Connector (Instance) Descriptions	3.1.4	System Deployment Model	Most likely match if using C2
3.2	Behavior Model	2.2 2.3.2	Behavior Model Behavior Classification	
3.3	L.O.S.			
3.4	Architectural Styles, Patterns & Frameworks	3.1.3	Framework and Protocol Specification	
		3	System Design	
4	Implementation Design	3.1.2	Component-Implementation Design Model	
4.1	Structure	3.1.5 3.2 3.4	Logical Class Model Object–Structure Model Implementation Class Model	
4.2	Behavior	3.3 3.3.1 3.3.2	Interaction Model Critical Algorithms Operation Specifications	
4.3	L.O.S.			
4.4	[Implementation] Patterns & Frameworks	3.1.3	Framework and Protocol Specification	
4.5	Configuration Model	3.5	Configuration Model	I'll take this section is valuable and think we should delete it.
5.	Glossary for System Analysis & Design	4	Common Definition Language for System Design	
6.	Appendices	5	Appendices	
		5.1	Appendix 1: References	
		5.2	Appendix 2: Vendor documents	